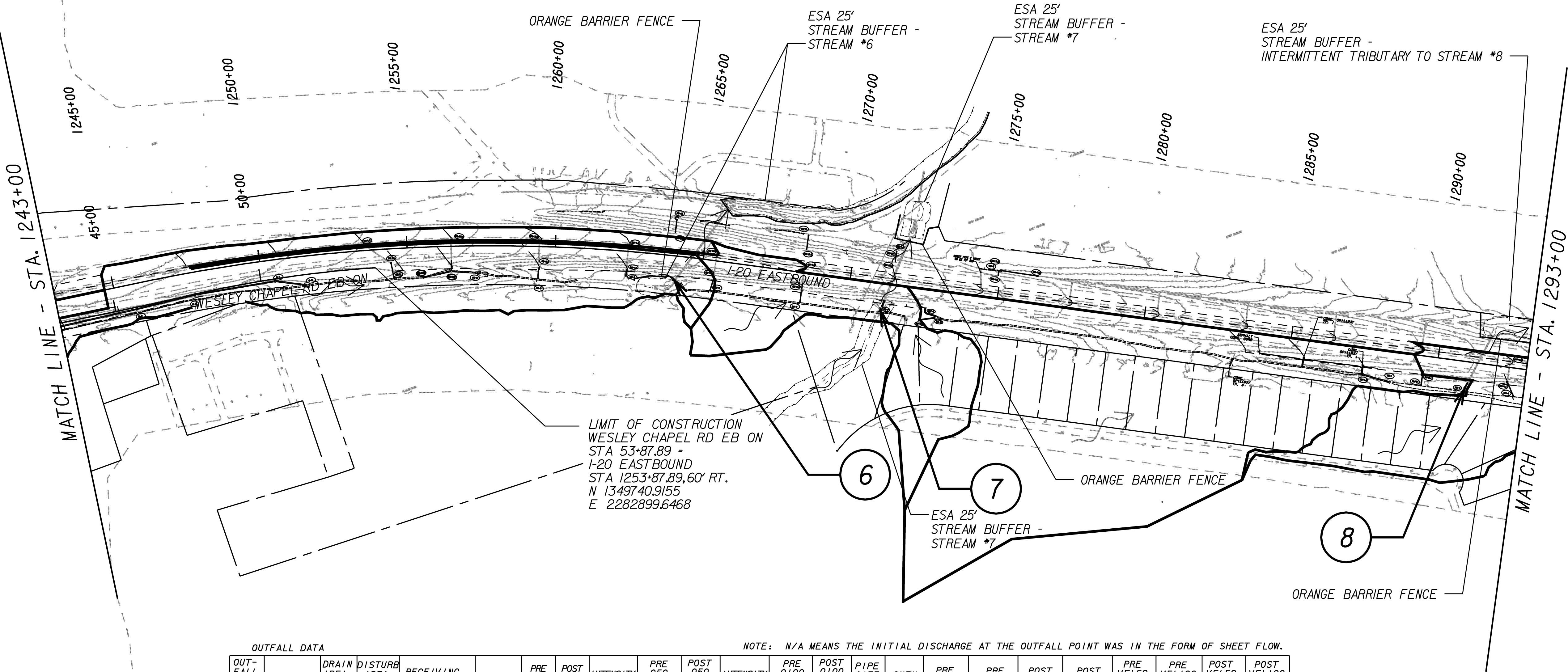


- NOTE:
1. THE TOTAL PROJECT AREA IS 92 ACRES AND THE EXPECTED DISTURBED AREA IS 65.6 ACRES.
  2. THE RECEIVING WATERS FOR THIS PROJECT ARE COBBS CREEK, SNAFFINGER CREEK AND PANTHERS BRANCH
  3. PEAK DISCHARGES WERE DETERMINED USING THE SCS METHOD. FLOWS WERE ROUTED THROUGH DETENTION FACILITIES WHEN NECESSARY.
  4. CONSTRUCTION ACTIVITIES CONSIST OF ADDING CD LANES ON THE SOUTH SIDE OF I-20 WHICH WILL BE SEPARATED FROM THE I-20 THROUGH LANES BY A CONTINUOUS BARRIER, RAMP IMPROVEMENTS, CONSTRUCTING CONCRETE BARRIERS, RETAINING WALLS, SOUND WALLS, PAVEMENT WIDENING, OVERLAY AND LEVELING, SHOULDER GRADING, AND DITCH GRADING.

VOID



OUTFALL DATA												NOTE: N/A MEANS THE INITIAL DISCHARGE AT THE OUTFALL POINT WAS IN THE FORM OF SHEET FLOW.											
OUT-FALL NO.	STATION	DRAIN AREA (AC)	DISTURB AREA (AC)	RECEIVING WATER	Tc	PRE C	POST C	INTENSITY 50 YEAR	PRE Q50 (cfs)	POST Q50 (cfs)	INTENSITY 100 YEAR	PRE Q100 (cfs)	POST Q100 (cfs)	PIPE SIZE (In)	SKEW ANGLE	PRE HW50	PRE HW100	POST HW50	POST HW100	PRE VEL50 (ft/s)	PRE VEL100 (ft/s)	POST VEL50 (ft/s)	POST VEL100 (ft/s)
6	1264+68 R	56.2	7.30	STREAM #6	30	0.65	0.67	4.87	179	183	5.36	198	201	48"	60°	858.00	858.20	858.80	858.80	17.1	17.1	15.2	15.3
7	1271+38 R	48.1	2.16	STREAM #7	N/A	N/A	N/A	N/A	241	241	5.36	248	248	54"	75°	855.07	855.07	855.59	855.59	21.1	21.1	21.3	21.3
8	1291+35 R	21.5	5.39	INTERMITTENT TRIBUTARY TO STREAM #8	13	0.49	0.52	7.03	74	79	7.68	84	88	36"	70°	798.10	798.20	798.20	798.30	14.7	14.7	14.8	14.8

RELEASED FOR CONSTRUCTION - 12/05/11

THE LPA GROUP



TRANSPORTATION CONSULTANTS

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REVISION DATES

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: INNOVATIVE PROGRAM DELIVERY  
EROSION CONTROL  
DRAINAGE AREA MAP  
SHEET 3 OF 5

DRAWING No.  
53-003